

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07187

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 604 925 A (WILLIAMS RODNEY O ET AL) 18 February 1997 (1997-02-18) the whole document	1-25
X	EP 1 233 537 A (NTT DOCOMO INC) 21 August 2002 (2002-08-21) abstract paragraph '0038! - paragraph '0042! figure 6 figure 5	1-25
A	WO 02/21708 A (DU PONT ; SHEN ZHI YUAN (US); LAUBACHER DANIEL B (US); PANG PHILIP) 14 March 2002 (2002-03-14) cited in the application abstract page 22, line 11 -page 23, line 27 figure 6B	1-25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

16 April 2004

Date of mailing of the international search report

22/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 01/56170 A (ILLINOIS SUPERCONDUCTOR CORP) 2 August 2001 (2001-08-02) abstract page 4, line 5 -page 8, line 20 page 16, line 3 -page 17, line 23 figure 4</p> <p style="text-align: center;">-----</p>	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07187

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5604925	A	18-02-1997	AU 5673896 A	18-11-1996
			CA 2217387 A1	31-10-1996
			DE 69623609 D1	17-10-2002
			DE 69623609 T2	24-04-2003
			EP 0823150 A1	11-02-1998
			WO 9634460 A1	31-10-1996
EP 1233537	A	21-08-2002	EP 1233537 A1	21-08-2002
			CN 1393064 T	22-01-2003
			WO 0227962 A1	04-04-2002
			US 2002173343 A1	21-11-2002
WO 0221708	A	14-03-2002	AU 9066401 A	22-03-2002
			EP 1316157 A2	04-06-2003
			WO 0221708 A2	14-03-2002
			US 2002178742 A1	05-12-2002
			US 2003024258 A1	06-02-2003
			US 2002053215 A1	09-05-2002
WO 0156170	A	02-08-2001	AU 2975801 A	07-08-2001
			CN 1411631 T	16-04-2003
			EP 1250764 A2	23-10-2002
			JP 2001251241 A	14-09-2001
			WO 0156170 A2	02-08-2001